Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in this application.

Listing of Claims:

1. (Currently Amended) A curable adhesive composition comprising

polyacrylate component,

epoxy component, and

cationic initiator,

wherein the uncured adhesive is provided as a layer of pressure sensitive adhesive and is optically clear such that

the luminous transmission of the composition is greater than 90%,

the haze of the composition is less than 2%, and

the opacity of the composition is less than 1%,

wherein the uncured, curable adhesive can be cured to form an adhesive comprising an interpenetrating polymer network, and

wherein after aging the cured adhesive at 90°C for 500 hours

the luminous transmission of the cured and aged adhesive is greater than 90%,

the haze of the cured and aged adhesive is less than 2%, and

the opacity of the cured and aged adhesive is less than 1%.

2. (Original) The adhesive of claim 1 wherein after aging at 80°C and 90% relative humidity for 500 hours

the luminous transmission of the cured and aged adhesive is greater than 90%,

the haze of the cured and aged adhesive is less than 2%, and

the opacity of the cured and aged adhesive is less than 1%.

3. (Original) The adhesive of claim 1 wherein the cured adhesive consists of a single phase.

4. (Original) The adhesive of claim 1 wherein the uncured adhesive comprises chemical functionalities reactive to chemically bond the polyacrylate component to the epoxy component.

5. (Original) The adhesive of claim 1 wherein the polyacrylate component comprises a group reactive with the epoxy component.

6. (Original) The adhesive of claim 5 wherein the polyacrylate component comprises a reactive group selected from the group consisting of a hydroxy group and a carboxylic acid group.

7. (Original) The adhesive of claim 1 wherein the cured adhesive comprises an inter-reacted interpenetrating polymer network.

8. (Original) The adhesive of claim 1 wherein the polyacrylate component is a polymer derived from free-radically polymerizable monomers selected from the group of acrylates, methacrylates, acrylic acids, and methacrylic acids.

9. (Original) The adhesive of claim 1 wherein the polyacrylate component is a polymer derived from acrylic acid monomer.

10. (Original) The adhesive of claim 1 comprising an epoxy component selected from the group consisting of aromatic and cycloaliphatic epoxy components.

11. (Original) The adhesive of claim 1 wherein the cationic initiator comprises photoactivated cationic initiator.

12. (Original) The adhesive of claim 11 wherein the photoactivated cationic initiator is selected from the group consisting of an iodonium salt, a sulfonium salt, and mixtures thereof.

13. (Original) The adhesive of claim 1 comprising a photosensitizer.

14. (Original) The adhesive of claim 1 comprising a free-radical photoinitiator selected from the group consisting of benzoin ethers, substituted benzoin ethers, substituted acetophenones, substituted alpha-ketols, aromatic sulfonyl chlorides, photoactive oximes, and mixtures thereof.

15. (Original) The composition of claim 1 comprising a grafting agent.

16. (Original) The composition of claim 15 wherein the grafting agent is 4-acryloxy benzophenone.

17. (Original) The composition of claim 15 comprising an epoxy-acrylate compound.

18. (Original) The composition of claim 15 comprising crosslinker.

19. (Original) The composition of claim 18 wherein the crosslinker comprises a multifunctional acrylate or (meth)acrylate.

20. (Original) The composition of claim 18 wherein the crosslinker is selected from the group consisting of hexanediol diacrylate, trimethylolpropane triacrylate, and mixtures thereof.

21. (Original) The composition of claim 1 comprising from about 5 to about 55 parts by weight epoxy per 100 parts combined epoxy and polyacrylate.

22. (Original) The composition of claim 1 comprising from about 10 to about 50 parts by weight epoxy per 100 parts by weight epoxy and polyacrylate.

23-41. Cancelled

42. (New) The adhesive of claim 1, wherein the layer of pressure sensitive adhesive is provided on an optical element.

43. (New) The adhesive of claim 1, wherein the layer of pressure sensitive adhesive is provided on an outgassing layer, wherein the outgassing layer comprises at least one of polycarbonate and acrylic.

Support for Amendment

The above amendment cancels original claims 23-41, amends original claim 1, and introduces new claims 42-43.

Claim 1 is amended to reflect that the uncured adhesive is provided as a layer of pressure sensitive adhesive. As disclosed in the specification at page 2, lines 26-32, the curable adhesive composition exhibits properties of a pressure sensitive adhesive in combination with a curable structural adhesive, and the pressure sensitive adhesive properties can be due to the polyacrylate component. As disclosed by the specification at page 14, lines 24-31, the curable adhesive composition can be provided as a layer.

New claim 42 is supported by the specification at page 15, lines 8-14.

New claim 43 is supported by the specification at page 16, line 8 through page 17, line 10.

In view of the above comments, no new matter is introduced by this amendment, and entry thereof is requested. Upon entry, claims 1-22, 42, and 43 are active in this application.